

Application No. 10/620,930
Attorney Docket No. 4364-032285

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application No. : 10/620,930
Applicant : Dominic N. Lo Iacono
Filed : July 16, 2003
Title : CRYSTALLINE FILTERS FOR ULTRAVIOLET LIGHT SENSORS
Group Art Unit : 2871
Examiner : Not Yet Assigned

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

POWER OF ATTORNEY BY ASSIGNEE
OF ENTIRE INTEREST (REVOCATION OF PRIOR POWERS)

Sir:

As assignee of record of the entire interest of the above-identified patent application, all powers of attorney previously given are hereby revoked and the following attorneys are hereby appointed to prosecute and transact all business in the United States Patent and Trademark Office connected therewith: Richard L. Byrne, Registration No. 28,498; William H. Logsdon, Registration No. 22,132; Russell D. Orkin, Registration No. 25,363; David C. Hanson, Registration No. 23,024; Frederick B. Ziesenheim, Registration No. 19,438; Kent E. Baldauf, Registration No. 25,826; Barbara E. Johnson, Registration No. 31,198; Paul M. Reznick, Registration No. 33,059; John W. McIlvaine, Registration No. 34,219; Julie W. Meder, Registration No. 36,216; Lester N. Fortney, Registration No. 38,141; Randall A. Notzen, Registration No. 36,882; James G. Porcelli, Registration No. 33,757; Kent E. Baldauf, Jr., Registration No. 36,082; Christian E. Schuster, Registration No. 43,908; Nathan J. Prepelka, Registration No. 43,016; Jessica M. Schroth, Registration No. 47,102; Kirk M. Miles, Registration No. 37,891; J. Matthew Pritchard, Registration No. 46,228; Darrell E. Williams, Registration No. 45,222; Philip J. Foret, Registration No. 51,689;

Application No. 10/620,930
Attorney Docket No. 4364-032285

Patricia A. Olosky, Registration No. 53,411; Alexander Detschelt, Registration No. 50,261; and Gwen R. Acker Wood, Registration No. 51,027, of Pittsburgh, Pennsylvania, whose post office address is 700 Koppers Building, 436 Seventh Avenue, Pittsburgh, Pennsylvania 15219-1818, Telephone No. 412-471-8815. All correspondence and telephone calls should be addressed to Richard L. Byrne.

Ownership is established by an Assignment in Parent Application No. 09/414,749, now Patent No. 6,620,347 from the inventor to Crystal Associates, Inc., which was recorded in the United States Patent and Trademark Office on October 6, 1999, at Reel 10314, Frame 0753; by an Assignment from Crystal Associates, Inc. to Coherent, Inc. which was recorded in the United States Patent and Trademark Office on February 4, 2002, at Reel 12588, Frame 0608; and by an Assignment from Coherent, Inc. to VLOC Incorporated, which was mailed for recordation to the United States Patent and Trademark Office on January 5, 2004.

Attached to this Power is a Certificate Under 37 C.F.R. 3.73(b).

I, Steven L. Sacone, whose signature appears below, aver that as President & Gen. Mgr. of VLOC Incorporated, I am empowered to sign this statement on behalf of the Assignee.

VLOC INCORPORATED

By:

Name:

Title:

Date:

7826 Photonics Drive
New Port Richey, Florida 34655

Assignee of Entire Interest



Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

Approved for use through 07/31/2006. OMB 0651-0031
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

STATEMENT UNDER 37 CFR 3.73(b)

Applicant/Patent Owner: Dominic N. Lo Iacono

Application No./Patent No.: 10/620,930

Filed/Issue Date: July 16, 2003

Entitled: Crystalline Filters for Ultraviolet Light Sensors

VLOC Incorporated

, a Pennsylvania corporation

(Name of Assignee)

(Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)

states that it is:

1. ☒ the assignee of the entire right, title, and interest; or
2. ☐ an assignee of less than the entire right, title, and interest.
The extent (by percentage) of its ownership interest is _____ %

in the patent application/patent identified above by virtue of either:

- A. ☐ An assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the United States Patent and Trademark Office at Reel _____, Frame _____, or for which a copy thereof is attached.

OR

- B. ☒ A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as shown below:

1. From: Dominic N. Lo Iacono To: Crystal Associates, Inc.

The document was recorded in the United States Patent and Trademark Office at Reel 10314, Frame 0753, or for which a copy thereof is attached.

2. From: Crystal Associates, Inc. To: Cohrent, Inc.

The document was recorded in the United States Patent and Trademark Office at Reel 12588, Frame 0608, or for which a copy thereof is attached.

3. From: Cohrent, Inc. To: VLOC Incorporated

The document was recorded in the United States Patent and Trademark Office at Reel _____, Frame _____, or for which a copy thereof is attached.

☐ Additional documents in the chain of title are listed on a supplemental sheet.

- ☒ Copies of assignments or other documents in the chain of title are attached.

[NOTE: A separate copy (i.e., the original assignment document or a true copy of the original document) must be submitted to Assignment Division in accordance with 37 CFR Part 3, if the assignment is to be recorded in the records of the USPTO. See MPEP 302.08]

The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee.

3/16/04
Date

(727) 375-8562
Telephone number

Steven L. Sacore

Typed or printed name

[Signature]
Signature

President & Gen. Mgr.
Title

This collection of information is required by 37 CFR 3.73(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PYU-9199 (1-800-756-9199) and select option 2.



11-1564 us
UNITED STATES DEPARTMENT OF COMMERCE
Patent and Trademark Office
ASSISTANT SECRETARY AND COMMISSIONER
OF PATENTS AND TRADEMARKS
Washington, D.C. 20231

JANUARY 12, 2000

PTAS

SKJERVEN, MORRILL, MACPHERSON, ET AL
GARY J. EDWARDS
25 METRO DRIVE, SUITE 700
SAN JOSE, CALIFORNIA 95110

RECEIVED
BY DOCKET DEPT.



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JAN 24 2000

SKJERVEN, MORRILL, MACPHERSON,
FRANKLIN AND FRIEL LLP.

UNITED STATES PATENT AND TRADEMARK OFFICE
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 10/06/1999

REEL/FRAME: 010314/0753
NUMBER OF PAGES: 2

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

LO IACONO, DOMINIC N.

DOC DATE: 10/05/1999

ASSIGNEE:

CRYSTAL ASSOCIATES, INC.
31 FARINELLA DRIVE
EAST HANOVER, NEW JERSEY 07936

SERIAL NUMBER: 09414749
PATENT NUMBER:

FILING DATE: 10/06/1999
ISSUE DATE:

ALLYSON PURNELL, EXAMINER
ASSIGNMENT DIVISION
OFFICE OF PUBLIC RECORDS

ATTORNEY: AHM/GJE
added assignee/owner
ACTION: status on DUE: 10-6-01
ACTION: FF on DUE: 10-6-00
ACTION: FR on DUE: 7-6-00
DOCKETED BY BM DATE: 1-24-00
FORM LETTER: YES/NO

PET FU on 2-21-00

10-21-1999

U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office

NRD 10.6.99



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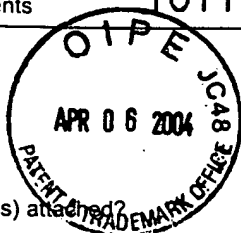
To the Honorable Commissioner of Patents

original documents or copy thereof.

1. Name of conveying party(ies):

(a) Lo Iacono, Dominic N.

Additional name(s) of conveying party(ies) attached?

☐ Yes ☒ No

2. Name and address of receiving party(ies):

Name: CRYSTAL ASSOCIATES, INC.Street Address: 31 FARINELLA DRIVECity: EAST HANOVER State: NJZip: 07936Country: U.S.A.

Name and address of receiving party(ies):

Name: _____

Street Address: _____

City: _____ State: _____ Zip: _____

Country: _____

3. Nature of Conveyance:

☒ Assignment ☐ Merger☐ Security Agreement ☐ Change of Name☐ Other _____

Execution Date: _____

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is:

10-6-99

A. Patent Application No.(s) -

Title: Crystalline Filters For Ultraviolet Light Sensors

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: GARY J. EDWARDSInternal Address: SKJERVEN, MORRILL, MacPHERSON,FRANKLIN & FRIEL LLPStreet Address: 25 METRO DRIVE, SUITE 700City SAN JOSE State CA ZIP 951106. Total number of applications and patents involved: 17. Total fee (37 CFR 3.41): \$40.00☒ Authorized to be charged to Deposit Account 19-2386☒ Charge Deposit Account 19-2386 for any additional fees required for this conveyance and credit deposit account 19-2386 any amounts overpaid

DO NOT USE THIS SPACE

8. Statement and signature.

*To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.*Gary J. Edwards 41,008
Name of Person Signing
Signature10/6/99
Date

Total number of pages comprising cover sheet: 2

ASSIGNMENT

For good and valuable consideration, receipt of which is hereby acknowledged, I, Lo Iacono Dominic N.

of Budd Lake, N.J., hereby sell, assign and transfer to Crystal Associates, Inc, a New Jersey corporation, having a place of business at 31 Farinella Drive, East Hanover, NJ, 07936, its successors and assigns, the entire right, title and interest throughout the world in my invention in

CRYSTALLINE FILTERS FOR ULTRAVIOLET LIGHT SENSORS

for which I have executed a United States patent application on or about the date of this assignment, and all patent applications and patents of every country for said invention, including divisions, reissues, continuations and extensions thereof, and all rights of priority resulting from the filing of said applications; I authorize the above-named assignee to apply for patents of foreign countries for said invention, and to claim all rights of priority without further authorization from me; I agree to execute all papers useful in connection with said United States and foreign applications, and generally to do everything possible to aid said assignee, its successors, assigns and nominees, at their request and expense, in obtaining and enforcing patents for said invention in all countries; and I request the Commissioner of Patents and Trademarks to issue all patents granted for said invention to the above-named assignee, its successors and assigns.

Executed this 5 day of Oct, 1999

State of

N.J.

County of

Monmouth

ss

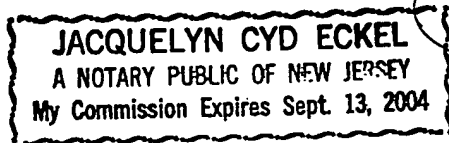
05-99

before me,

personally

appeared Dominic LoIacono personally known to me or proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is(are) subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.



SIGNATURE OF NOTARY

RECORDATION FORM COVER SHEET PATENTS ONLY

U.S. DEPARTMENT OF COMMERCE
U.S. Patent and Trademark Office

Tab settings

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

Coherent, Inc.

2. Name and address of receiving party(ies)

Name: VLOC Incorporated

Internal Address: _____

Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

3. Nature of conveyance:



Assignment



Merger



Security Agreement



Change of Name



Other _____

Street Address: 7826 Photonics Drive

City: New Port Richey State: FL Zip: 34655

Execution Date: August 27, 2003

Additional name(s) & address(es) attached? ☐ Yes ☒ No

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is: _____

A. Patent Application No.(s)

09/414,749

10/620,930

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Richard L. Byrne

Internal Address: Webb Ziesenheim Logsdon

Orkin & Hanson, P.C.

Street Address: 700 Koppers Building

436 Seventh Avenue

City: Pittsburgh State: PA Zip: 15219

6. Total number of applications and patents involved: 2

7. Total fee (37 CFR 3.41)..... \$ 80.00



Enclosed



Authorized to be charged to deposit account

8. Deposit account number:

23-0650

(Attach duplicate copy of this page if paying by deposit account)

DO NOT USE THIS SPACE

9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Richard L. Byrne, Reg. No. 28,498

Name of Person Signing

Signature

January 5, 2004

Date

Total number of pages including cover sheet, attachments, and documents: 2

Mail documents to be recorded with required cover sheet information to:

Mail Stop Assignment Recordation Services
Director of the U.S. Patent and Trademark Office
P.O. Box 1450
Alexandria, VA 22313-1450

ASSIGNMENT

WHEREAS, COHERENT, INC., a corporation of the State of Delaware, with an address at 5100 Patrick Henry Drive, Santa Clara, California 95054, is the owner of the United States Patent Application Nos. 09/414,749 and 10/620,930, as evidenced by the assignment executed October 15, 2001, recorded on February 4, 2002, Reel 12588, Frame 608, and

WHEREAS, VLOC INCORPORATED, a corporation of the State of Pennsylvania, with an address at 7826 Photonics Drive, New Port Richey, Florida 34655, is desirous of acquiring the entire right, title and interest in and to said United States Letters Patent thereof,

NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00) and other good and valuable consideration, receipt and sufficiency of which is hereby acknowledged, COHERENT, INC., by these presents, does hereby sell, assign, and transfer unto VLOC INCORPORATED, the entire right, title and interest in and to said United Patent Application Nos. 09/414,749 and 10/620,930, said United States Letters Patent, as well as the right to collect past damages, to be held and enjoyed by said VLOC INCORPORATED, its successors, legal representatives and assigns, for its own use, to the full end of any term for which said Letters Patent is granted.

Dated: 8-27-03

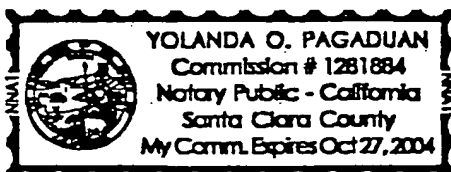
Scott H Miller
Name: Scott H. Miller

Title: Senior Vice President & General Counsel

State of California

County of Santa Clara

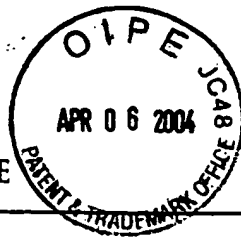
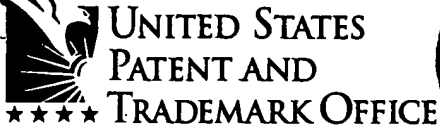
On August 27, 2003 before me,
Yolanda O. Pagaduan, Notary Public, personally
appeared Scott H. Miller personally known to me or
proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/~~she~~/they executed the same in his/~~her~~/their authorized capacity(ies), and that by his/~~her~~/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.



SEAL

WITNESS my hand and official seal.

[Signature]
Signature of Notary



APRIL 16, 2002

PTAS

Chief Information Officer
Washington, DC 20231
www.uspto.govSTALLMAN & POLLOCK LLP
MICHAEL A. STALLMAN
121 SPEAR STREET, SUITE 290
SAN FRANCISCO, CA 94105

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APR 23 2002



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STALLMAN & POLLOCK LLP

UNITED STATES PATENT AND TRADEMARK OFFICE
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 02/04/2002

REEL/FRAME: 012588/0608
NUMBER OF PAGES: 2

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

CRYSTAL ASSOCIATES, INC.

DOC DATE: 10/15/2001

ASSIGNEE:

COHERENT, INC.

5100 PATRICK HENRY DRIVE
SANTA CLARA, CALIFORNIA 95054SERIAL NUMBER: 09414749

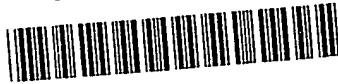
FILING DATE: 10/06/1999

PATENT NUMBER:

ISSUE DATE:

SHAREILL COLES, EXAMINER
ASSIGNMENT DIVISION
OFFICE OF PUBLIC RECORDS

02-25-2002



Docket No.: COHY-4490

ET

U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office

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101991549

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):
Crystal Associates, Inc.

2-4-02

Additional names(s) of conveying party(ies)

☐ Yes ☒ No

2. Name and address of receiving party(ies):

Name: COHERENT, INC.

Internal Address: 5100 Patrick Henry Drive

Street Address: 5100 Patrick Henry Drive

City: Santa Clara State: CA ZIP: 95054

3. Nature of conveyance:

☒ Assignment

☐ Merger

☐ Security Agreement

☐ Change of Name

☐ Other

Execution Date: October 15, 2001

Additional name(s) & address(es) attached? ☐ Yes ☒ No

4. Application number(s) or patent numbers(s):

If this document is being filed together with a new application, the execution date of the application is:

A. Patent Application No.(s)

B. Patent No.(s)

09/414,749

Additional numbers attached? ☐ Yes ☒ No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Michael A. Stallman

Internal Address: STALLMAN & POLLOCK LLP

Street Address: 121 Spear Street, Suite 290

City: San Francisco State: CA ZIP: 94105

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41):.....\$ 40.00

☐ Enclosed - Any excess or insufficiency should be credited or debited to deposit account

☐ Authorized to be charged to deposit account

8. Deposit account number:

50-1703

(Attach duplicate copy of this page if paying by deposit account)

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9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Michael A. Stallman (Reg. No. 29,444)

Name of Person Signing

Signature

November 5, 2001

Date

Total number of pages including cover sheet, attachments, and document: 2

02/22/2002 LHMILLER 00000197 94105 01 FC-581 40.00 OP

ASSIGNMENT

WHEREAS, Crystal Associates, Inc., a corporation of the State of New Jersey, with an address at 31 Farinella Drive, East Hanover, New Jersey 07936, is the owner of United States Patent Application No. 09/414,749, filed October 6, 1999; and

WHEREAS, Coherent, Inc., a corporation of the State of Delaware, with an address at 5100 Patrick Henry Drive, Santa Clara, California 95054, is desirous of acquiring the entire right, title and interest in and to said United States Patent Application No. 09/414,749;

NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00) and other good and valuable consideration, receipt and sufficiency of which is hereby acknowledged, Crystal Associates, Inc., by these presents, does hereby sell, assign, and transfer unto Coherent, Inc., the entire right, title and interest in and to the said United States Patent Application, said United States Letters Patents and Patent Applications, including any divisions, continuations, continuations-in-part, reexaminations or reissues thereof, and any foreign counterparts thereto as well as the right to collect past damages, to be held and enjoyed by said Coherent, Inc., its successors, legal representatives and assigns, for its own use, to the full end of any term for which said Letters Patents are granted.

CRYSTAL ASSOCIATES, INC.

Dated: 10/15/01

By: G. M. Loiacono

Printed Name: G. M. LOIACONO

Title: PRESIDENT

State of New Jersey

County of Somerset

On The 15th of October 2001 before me, G. M. Loiacono personally appeared G. M. Loiacono personally known to me or proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

SEAL

WITNESS my hand and official seal.

Anna F. Sanchez
Signature of Notary

ANNA F. SANCHEZ
A NOTARY PUBLIC OF NEW JERSEY
My Commission Expires August 8, 2005

ANNA F. SANCHEZ
A NOTARY PUBLIC N.J.
My Commission expires on Aug 8, 2005